Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for block encryption of discrete data, comprising the steps of: generating an encryption key in the form of a set of subkeys, breaking down a data block into $N \geq 2$ subblocks and converting in turn said subblocks by performing a two-place operation on the subblock and the subkey, charaterised by transforming the subkey with the operation of transposing bits, which changes initial sequence of the subkey bits and ~~a data dependent operation that~~ depends on the j-th subblock prior to performing the two-place operation on the i-th subblock ~~and subkey~~, where $i \neq j$.

Claim 2 (previously presented): The method according to claim 1, characterised in that data dependent permuting subkey bits is used as data-dependent operation that depends on the j-th subblock.

Claim 3 (previously presented): The method according to claim 1, characterised in that data-dependent rotation of subkey bits is used as data-dependent operation that depends on the j-th subblock.

Claim 4 (previously presented): The method according to claim 1, characterised in that a data-dependent substitution operation performed on a subkey is used as data-dependent operation that depends on the j-th subblock.